

## Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library
-  Print Format

Your search matched **7** of **989552** documents.  
Results are shown **15** to a page, sorted by **publication year** in **descending** order.

## Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

**1 Synthesis of feedforward networks in supremum error bound**

*Ciesielski, K.; Sacha, J.P.; Cios, K.J.;*

Neural Networks, IEEE Transactions on , Volume: 11 Issue: 6 , Nov. 2000  
Page(s): 1213 -1227

[\[Abstract\]](#) [\[PDF Full-Text \(500 KB\)\]](#) **IEEE JNL**

**2 Issues in automating cardiac SPECT diagnosis**

*Sacha, J.P.; Cios, K.J.; Goodenday, L.S.;*

Engineering in Medicine and Biology Magazine, IEEE , Volume: 19 Issue: 4 , 2000  
Page(s): 78 -88

[\[Abstract\]](#) [\[PDF Full-Text \(736 KB\)\]](#) **IEEE JNL**

**3 Number representations for reducing data bus power dissipation**

*Sacha, J.R.; Irwin, M.J.;*

Signals, Systems & Computers, 1998. Conference Record of the Thirty-Secon Asilomar Conference on , Volume: 1 , 1-4 Nov. 1998  
Page(s): 213 -217 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) **IEEE CNF**

**4 The logarithmic number system for strength reduction in adaptive**

*Sacha, J.R.; Irwin, M.J.;*

Low Power Electronics and Design, 1998. Proceedings. 1998 International Sy on , 10-12 Aug. 1998  
Page(s): 256 -261

[\[Abstract\]](#) [\[PDF Full-Text \(588 KB\)\]](#) **IEEE CNF**

**5 Number representations for reducing switched capacitance in subt coding**

*Sacha, J.R.; Irwin, M.J.;*

Acoustics, Speech, and Signal Processing, 1998. ICASSP '98. Proceedings of IEEE International Conference on , Volume: 5 , 12-15 May 1998  
Page(s): 3125 -3128 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) **IEEE CNF**

---

**6 Input recoding for reducing power in distributed arithmetic**

*Sacha, J.; Irwin, M.J.;*

Signal Processing Systems, 1998. SIPS 98. 1998 IEEE Workshop on , 8-10 O  
Page(s): 599 -608

[\[Abstract\]](#) [\[PDF Full-Text \(617 KB\)\]](#) **IEEE CNF**

---

**7 On the synthesis and complexity of feedforward networks**

*Sacha, J.P.; Cios, K.J.;*

Neural Networks, 1994. IEEE World Congress on Computational Intelligence.,  
IEEE International Conference on , Volume: 4 , 27 June-2 July 1994  
Page(s): 2185 -2190 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) **IEEE CNF**

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)  
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)  
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)**IEEE Xplore**  
RELEASE 1.6Welcome  
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)**Quick Links**

» Se

**Welcome to IEEE Xplore®**

- [Home](#)
- [What Can I Access?](#)
- [Log-out](#)

**Tables of Contents**

- [Journals & Magazines](#)
- [Conference Proceedings](#)
- [Standards](#)

**Search**

- [By Author](#)
- [Basic](#)
- [Advanced](#)

**Member Services**

- [Join IEEE](#)
- [Establish IEEE Web Account](#)
- [Access the IEEE Member Digital Library](#)

**Print Format**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)  
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)  
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

## Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library
-  Print Format

Your search matched **12** of **989552** documents.  
Results are shown **15** to a page, sorted by **publication year** in **descending** order.

**Results:**

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

**1 Lower bounds for multivariate approximation by affine-invariant dictionaries**

*Maiorov, V.; Meir, R.;*

Information Theory, IEEE Transactions on , Volume: 47 Issue: 4 , May 2001  
Page(s): 1569 -1575

[\[Abstract\]](#) [\[PDF Full-Text \(276 KB\)\]](#) **IEEE JNL**

**2 A two-way model for motor control of redundant systems**

*Karniel, A.; Meir, R.; Inbar, G.F.;*

Engineering in Medicine and Biology Society, 2000. Proceedings of the 22nd International Conference of the IEEE , Volume: 1 , 23-28 July 2000  
Page(s): 35 -38 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) **IEEE CNF**

**3 Local polynomial models for classification**

*Meir, R.; Snapp, R.R.;*

Electrical and Electronic Engineers in Israel, 2000. The 21st IEEE Convention 11-12 April 2000  
Page(s): 369 -372

[\[Abstract\]](#) [\[PDF Full-Text \(196 KB\)\]](#) **IEEE CNF**

**4 Nonlinear Fisher discriminant using kernels**

*Guttman, O.; Meir, R.;*

Electrical and Electronic Engineers in Israel, 2000. The 21st IEEE Convention 11-12 April 2000  
Page(s): 257 -260

[\[Abstract\]](#) [\[PDF Full-Text \(160 KB\)\]](#) **IEEE CNF**

**5 On the optimality of neural-network approximation using incrementer algorithms**

*Meir, R.; Maiorov, V.E.;*

Neural Networks, IEEE Transactions on , Volume: 11 Issue: 2 , March 2000  
Page(s): 323 -337

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) **IEEE JNL**

---

**6 Exploiting the virtue of redundancy**

*Karniel, A.; Meir, R.; Inbar, G.F.;*

Neural Networks, 1999. IJCNN '99. International Joint Conference on , Volun  
10-16 July 1999  
Page(s): 2204 -2209 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) **IEEE CNF**

---

**7 Distortion bounds for vector quantizers with finite codebook size**

*Meir, R.; Maiorov, V.;*

Information Theory, IEEE Transactions on , Volume: 45 Issue: 5 , July 1999  
Page(s): 1621 -1631

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#) **IEEE JNL**

---

**8 Stochastic approximation by neural networks using the Radon and transforms**

*Meir, R.; Maiorov, V.;*

Neural Networks for Signal Processing VIII, 1998. Proceedings of the 1998 IE  
Processing Society Workshop , 31 Aug.-2 Sept. 1998  
Page(s): 224 -233

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) **IEEE CNF**

---

**9 Approximation bounds for smooth functions in  $C(R^d)$  by neural and networks**

*Maiorov, V.; Meir, R.S.;*

Neural Networks, IEEE Transactions on , Volume: 9 Issue: 5 , Sept. 1998  
Page(s): 969 -978

[\[Abstract\]](#) [\[PDF Full-Text \(540 KB\)\]](#) **IEEE JNL**

---

**10 Error bounds for functional approximation and estimation using n of experts**

*Zeevi, A.J.; Meir, R.; Maiorov, V.;*

Information Theory, IEEE Transactions on , Volume: 44 Issue: 3 , May 1998  
Page(s): 1010 -1025

[\[Abstract\]](#) [\[PDF Full-Text \(836 KB\)\]](#) **IEEE JNL**

---

**11 Distortion bound for vector quantizers with finite codebook size**

*Bar-Sella, R.; Meir, R.; Maiorov, V.;*

Electrical and Electronics Engineers in Israel, 1996., Nineteenth Convention c  
Nov. 1996

Page(s): 319 -322

[\[Abstract\]](#) [\[PDF Full-Text \(284 KB\)\]](#) **IEEE CNF**

---

**12 Empirical risk minimization versus maximum-likelihood estimation study**

*Meir, R.;*

Pattern Recognition, 1994. Vol. 2 - Conference B: Computer Vision & Image Processing., Proceedings of the 12th IAPR International. Conference on , Vol 9-13 Oct. 1994

Page(s): 295 -299 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) **IEEE CNF**

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)  
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)  
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

| L Number | Hits | Search Text   | DB  | Time stamp       |
|----------|------|---|---|------------------|
| -        | 71   | (multidimensional or multi-dimensional) adj function  | USPAT   | 2003/08/08 11:34 |
| -        | 36   | ((multidimensional or multi-dimensional) adj function) and model  | USPAT   | 2003/08/08 12:23 |
| -        | 1    | (((multidimensional or multi-dimensional) adj function) and model) and (simple adj finite adj geometry) | USPAT   | 2003/08/08 12:00 |
| -        | 2    | simple adj finite adj geometry  | USPAT   | 2003/08/08 12:00 |
| -        | 4    | ((multidimensional or multi-dimensional) adj function) same model                                       | USPAT   | 2003/08/08 12:22 |
| -        | 55   | radon and neural  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/15 15:50 |
| -        | 13   | radon and neural and dual   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/15 15:50 |